

## **Exhibit B**

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IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

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Application Number: 09/879,480  
Applicants: Jack C. Whittier, Barbi A. Riggs, Patrick D. Burns and  
George Seidel  
Filed: June 12, 2001  
Title: Integrated Herd Management System Utilizing Isolated  
Populations of X-Chromosome Bearing and Y-  
Chromosome Bearing Spermatozoa  
TC/AU: 1634  
Examiner: Carla J. Myers  
Assignee: XY, Inc.  
Attorney Docket: HrdMgmtCIP  
Customer No. 33549

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**AFFIDAVIT UNDER 37 C.F.R. §1.132**

UNITED STATES OF AMERICA            )  
STATE OF OREGON                    ) ss.  
COUNTY OF CROOK                  )

I, Barbi A. Riggs, a resident of Prineville, in the County of Crook, and the State of Oregon, duly sworn and under oath, declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true.

I, Barbi A. Riggs, inventor listed on U.S. Patent Application No. 09/879,480, am the same person as B.A. Ereth, author listed on the publications "Integration of Early Weaning and Sexed Semen into a Single-Calf Heifer System to Increase Value of Non-Replacement Heifers", Proceedings of the Western Section, American Society of Animal Science, Vol. 51, p. 441 (2000) and "Integration of Early Weaning and Sexed Semen into a Single-Calf Heifer System to Increase the Value of Non-Replacement Heifers", Abstract, Journal of Animal Science, Vol. 78, Supplement 2 (2000). I changed my name upon my marriage, as evidenced by the copy of the marriage license attached to this Affidavit as Exhibit "A".

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the

like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated this 30 day of October, 2007.

Barbi A. Riggs  
Barbi A. Riggs

UNITED STATES OF AMERICA )  
STATE OF OREGON )ss.  
COUNTY OF CROOK )



SUBSCRIBED AND SWORN to before me in the County of Crook, State of Oregon, United States of America, by Barbi A. Riggs, this 30<sup>th</sup> day of October, 2007.

WITNESS my hand and official seal pursuant to the authority vested in me as a Notary Public by the State of Oregon.

Kati Taylor  
Notary Public

My Commission Expires: 4-16-10

No. 55128

# Marriage License

STATE OF MONTANA

STATE OF MONTANA, } ss.  
County of Sheridan.

**To Any Person Authorized to Solemnize Marriages, Greeting:**

You are hereby authorized to join in lawful wedlock, and to celebrate the rites and ceremonies of Marriage between Kelley Robert Riggs of Windsor, Co. aged 24 date of birth August 16, 1913 born at Tanabe, Co. color white not previously married, son of Kelbert Louise Riggs his mother's maiden name was Gillie Annette Wurst and Barbi Ann Erath of Windsor Co. age 24 date of birth September 1917 born at Plentywood, Mt. color white not previously married, daughter of Leanne Roxana Erath her mother's maiden name was Betty Lynn Mason both parties being legally competent to enter into such contract of marriage. And this shall be your good and sufficient warrant therefor, effective upon issuance and before 180 days have expired.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal this

5th day of June A.D. 1930

Cheryl Olson  
Clerk District Court

By Louisa McCleary  
Deputy

## MARRIAGE CERTIFICATE

STATE OF MONTANA, } ss.  
County of \_\_\_\_\_

This certifies that the undersigned, a ROMAN CATHOLIC PRIEST did on the 10th day of JUNE A. D. 1930 at OUTLOOK, MONTANA join in lawful wedlock KELLY ROBERT RIGGS and BARBI ANN ERATH with their mutual consent and in accordance with the LAWS OF THE STATE OF MONTANA

ATTEST:

Shelly Olson  
[Signature]  
Witnesses.

[Signature]  
Address 301 N. MAIN ST  
PLENTYWOOD, MONTANA

No. 7838

## Marriage License

Kelly Robert Riggs  
AND

Bartie Ann Evers

This License and Certificate to be returned to  
the Clerk of the District Court  
within thirty days.

Filed for Record June 13

A. D. 1920 at        M. and

Recorded in Book 7 of Marriages.

on Page 8

Cheryl Olson  
Clerk.

By Livian McCandless  
Deputy Clerk.